

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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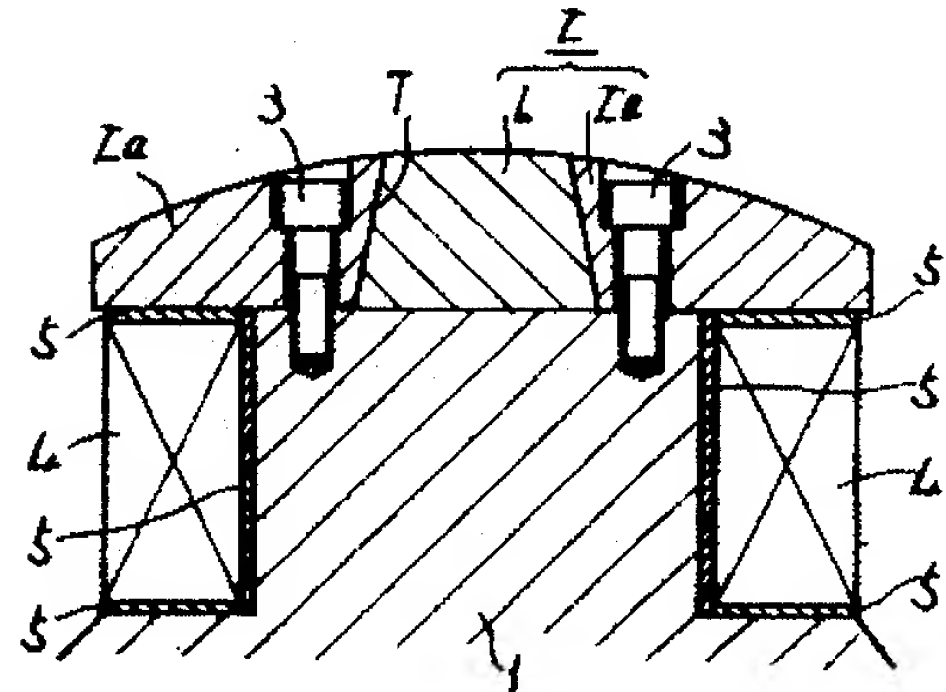
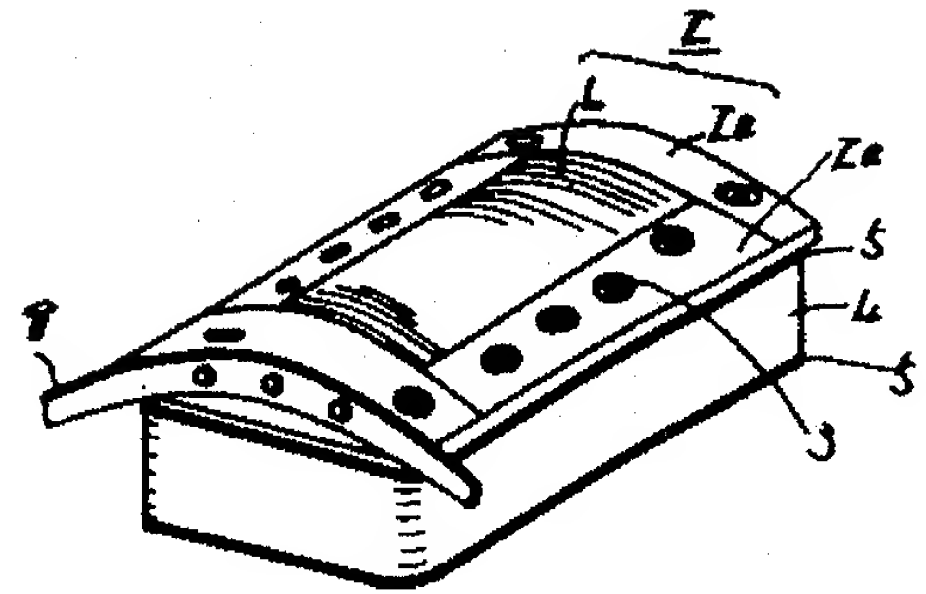
APPLICATION DATE : 11-01-79  
APPLICATION NUMBER : 54000981

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INVENTOR : OISHI TAKASHI;

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TITLE : SALIENT-POLE ROTOR



ABSTRACT : PURPOSE: To control the generation of eddy current, to reduce the pulsating torque and to improve the efficiency by forming the central part of the magnetic pole head with an iron plate laminated body and by making up the pole head by holding the circumference of laminated body with a lump-shaped head side plate.

CONSTITUTION: The central part of the magnetic pole is formed as the head 6 of laminated iron plates wherein trapezoidal iron plates are laminated, and is placed on the pole body 1, the lump-shaped head side plate 2a is fit on the circumference of said laminate iron plate body to hold it, the pole head 2 is combined with the pole body 1 with the bolts 3. In this way, the heat capacity is increased by the lump-shaped pole side plate 2a, the structure is made solid, and the production of eddy current can be suppressed to improve the efficiency of motor. Also a bar of the starting winding can be provided in the laminated iron plate head 6 to make the hole-drilling work easy.

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